

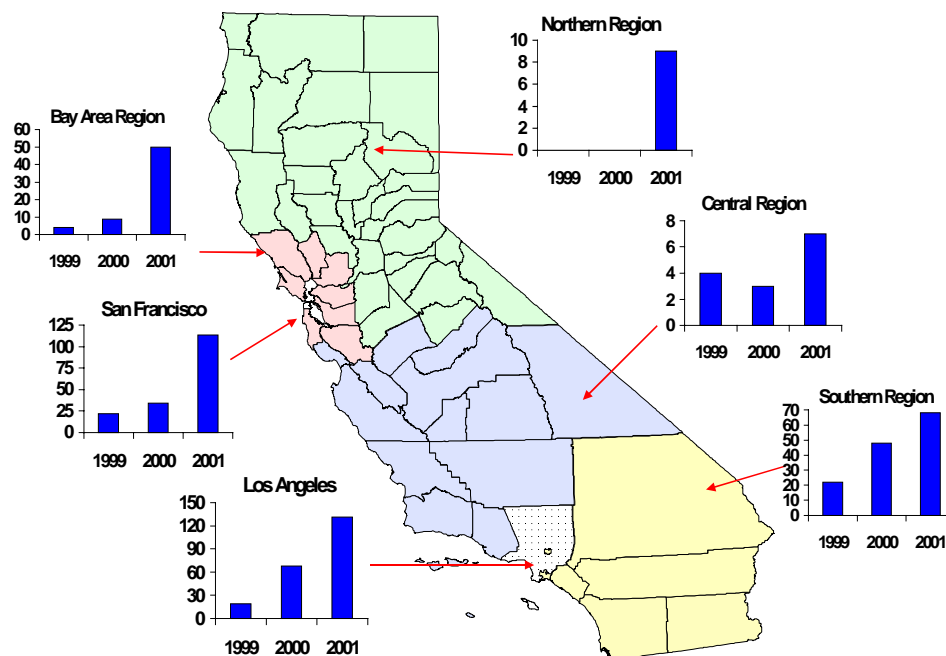
# State of California Syphilis Elimination Surveillance Data

Data through December 31, 2001

California Department of Health Services  
Division of Communicable Disease Control  
STD Control Branch

Prepared by

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Map of primary and secondary MSM cases by region, California, 1999-2001

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## Introduction:

This document includes recent data on primary and secondary (P&S) syphilis in California. The California STD Control Branch presents these data regularly to describe the epidemiologic profile of syphilis in the state of California as a whole and regionally. This document includes analyses of primary and secondary (P&S) syphilis cases reported from January 1, 1999 through December 31, 2001 by annual intervals. Data from the California Project Area, Los Angeles, and San Francisco are presented. These data are provisional.

The first section of this report contains bulleted highlights of California overall as well as for separate regions. The second section consists of a narrative overview with figures and tables. Lastly, detailed data tables for each region are presented.

If you have any comments or suggestions, please contact either Terrence Lo (510-883-6653) or Michael Samuel (510-540-2311) at the California STD Control Branch, Epidemiology and Surveillance Section or email [tlo@dhs.ca.gov](mailto:tlo@dhs.ca.gov) or [msamuel@dhs.ca.gov](mailto:msamuel@dhs.ca.gov).

## California Highlights:

- In 2001, 544 primary and secondary syphilis (P&S) cases were reported in California, an increase of 66.9% (N=326) from 2000 and an increase of 87.6% (N=290) from 1999.
- Approximately 75% (among cases with data on gender of sex partners) of P&S syphilis cases were among men who have sex with men (MSM), an increase from 2000 (56.3%) and 1999 (25.8%). Over half (52.8%) of 2001 P&S syphilis cases were HIV positive (among cases with data on HIV serostatus).
- Among 2001 P&S cases, 500 were male, an increase of 81.2% (N=276) from 2000 and an increase of 133.6% increase (N=214) from 1999. In contrast, 44 P&S cases were female, a 12% decrease from 2000 and a 42.1% decrease from 1999.
- The majority of cases were reported from four jurisdictions, Los Angeles (N=184, rate=2.0 per 100,000), San Francisco (N=140, rate=17.7 per 100,000), Orange County (N=40, rate=1.4 per 100,000), and San Diego (N=27, rate=0.9 per 100,000). San Francisco's P&S rate was over 8 times that of Los Angeles, the second highest rate in California in 2001.
- Overall, 52.5% (32/61) of California health jurisdictions reported no P&S syphilis in 2001. Of the jurisdictions that reported cases, 7 reported only 1 or 2 cases.

**Table 1: Syphilis Elimination Indicators for Primary and Secondary Cases, California (1999-2001)**

<b>Morbidity Trend</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
<b>P&amp;S Cases</b>	290	326	544
<b>Reported P&amp;S Syphilis Rate (per 100,000)<sup>1</sup></b>	0.87	0.96	1.56
<b>% of syphilis-free health jurisdictions</b>	55.7%	57.4%	52.5%
<b># of counties accounting for 75% of new cases</b>	6	4	4 <sup>4</sup>
<b>African-American:White rate ratio<sup>2</sup></b>	8:1	4:1	3:1
<b>Male:Female rate ratio<sup>2</sup></b>	3:1	5:1	9:1
<b>% MSM<sup>3</sup></b>	25.8%	56.3%	75.6%

<sup>1</sup> Population based on the Department of Finance estimates from July 2001

<sup>2</sup> Population based on the Department of Finance estimates from December 1998

<sup>3</sup> Among those with data available for gender of sex partners

<sup>4</sup> Los Angeles, San Francisco, Orange County, San Diego

**Table 2: Characteristics of Early Syphilis Cases, California (1999-2001)**

		Year											
		1999				2000				2001			
		P&S		Early latent		P&S		Early latent		P&S		Early latent	
		N=290	%	N=279	%	N=326	%	N=356	%	N=544	%	N=405	%
Sex	M	214	73.8	152	54.5	276	84.7	218	61.2	500	91.9	308	76.0
	F	76	26.2	127	45.5	50	15.3	138	38.8	44	8.1	97	24.0
Age Group	<20	17	5.9	21	7.5	8	2.5	30	8.4	18	3.3	18	4.4
	20-24	38	13.1	49	17.6	31	9.5	50	14	48	8.8	36	8.9
	25-29	46	15.9	54	19.4	40	12.3	67	18.8	75	13.8	62	15.3
	30-34	57	19.7	53	19.0	70	21.5	63	17.7	107	19.7	87	21.5
	35-39	44	15.2	45	16.1	72	22.1	55	15.4	122	22.4	94	23.2
	40-44	38	13.1	24	8.6	42	12.9	41	11.5	75	13.8	55	13.6
	45-49	28	9.7	25	9.0	28	8.6	29	8.1	53	9.7	31	7.7
	50+	22	7.6	8	2.9	35	10.7	21	5.9	46	8.5	22	5.4
Race	White	72	24.8	60	21.5	132	40.5	53	14.9	242	44.5	97	24.0
	Latino	123	42.4	135	48.4	109	33.4	232	65.2	175	32.2	223	55.1
	Black	80	27.6	72	25.8	68	20.9	54	15.2	88	16.2	59	14.6
	Other	9	3.1	5	1.8	13	4.0	11	3.1	24	4.4	14	3.5
	Unknown	6	2.1	7	2.5	4	1.2	6	1.7	15	2.8	12	3.0
Gender of sex partners	Male Hetero	89	30.7	93	33.3	80	24.5	106	29.8	77	14.2	92	22.7
	Male Homosexual	41	14.1	17	6.1	147	45.1	67	18.8	356	65.4	159	39.3
	Male Bisexual	9	3.1	3	1.1	15	4.6	11	3.1	21	3.9	10	2.5
	Female Hetero	52	17.9	103	36.9	37	11.3	113	31.7	39	7.2	84	20.7
	Female Homosexual	.	.	1	0.4	.	.	1	0.3	1	0.2	1	0.2
	Female Bisexual	2	0.7	9	3.2	4	1.2	2	0.6	1	0.2	1	0.2
	Transgender	1	0.3	.	.	5	1.5	4	1.1	4	0.7	3	0.7
	Male Unknown	74	25.5	39	14.0	29	8.9	30	8.4	43	7.9	44	10.9
	Female Unknown	22	7.6	14	5.0	9	2.8	22	6.2	2	0.4	11	2.7
HIV status	Y	17	5.9	.	.	82	25.2	48	13.5	226	41.5	117	28.9
	N	19	6.6	2	0.7	156	47.9	152	42.7	202	37.1	166	41.0
	U	254	87.6	277	99.3	88	27.0	156	43.8	116	21.3	122	30.1
Anonymous sex		22	7.6	.	.	114	35.0	72	20.2	272	50.0	129	31.9
Sex for money or drugs		16	5.5	39	14.0	20	6.1	41	11.5	27	5.0	19	4.7
Exchange money or drugs for sex		30	10.3	27	9.7	44	13.5	42	11.8	32	5.9	27	6.7
Drug use		56	19.3	90	32.3	76	23.3	104	29.2	157	28.9	101	24.9
	Crack	21	7.2	31	11.1	20	6.1	28	7.9	17	3.1	12	3.0
	Heroin	9	3.1	12	4.3	5	1.5	14	3.9	3	0.6	9	2.2
	Cocaine	14	4.8	25	9.0	19	5.8	38	10.7	18	3.3	26	6.4
	Methamphetamines	6	2.1	13	4.7	32	9.8	26	7.3	59	10.8	37	9.1
Provider	EIP/HIV care facility	15	5.2	4	1.4	24	7.4	29	8.1	57	10.5	62	15.3
	STD clinic	11	3.8	3	1.1	18	5.5	9	2.5	70	12.9	21	5.2
	Family Planning	3	1.0	4	1.4	3	0.9	2	0.6	3	0.6	9	2.2
	Correctional facility	31	10.7	85	30.5	17	5.2	47	13.2	12	2.2	26	6.4
	Public clinic <sup>1</sup>	100	34.5	90	32.3	113	34.7	105	29.5	125	23.0	129	31.9
	Medical provider <sup>2</sup>	112	38.6	57	20.4	134	41.1	123	34.6	255	46.9	142	35.1
	Other provider	16	5.5	36	12.9	17	5.2	40	11.2	22	4.0	16	4.0
	Unknown	2	0.7	.	.	.	.	1	0.3	.	.	.	.
Currently Incarcerated		26	9.0	71	25.4	18	5.5	43	12.1	12	2.2	19	4.7
Meets partners at bathhouse <sup>3</sup>		---	---	---	---	35	10.7	13	3.7	71	13.1	39	9.6
Meets partners over Internet <sup>3</sup>		---	---	---	---	19	5.8	2	0.6	60	11.0	23	5.7
Condom used at last sex <sup>3</sup>		---	---	---	---	40	12.3	43	12.1	79	14.5	75	18.5

<sup>1</sup> Clinics that receive >50% of funding from federal or state sources

<sup>2</sup> Includes private physicians, private clinics, Kaiser, hospitals, emergency rooms, and student health centers

<sup>3</sup> Data for 1999 not reliable

## Regional Highlights:

### *Northern Region* (see page 8, Table 4)

- In 2001, 17 P&S syphilis cases were reported in the Northern Region, an increase of 240% (N=5) from 2000 but a decrease of 22.7% from 1999 (N=22). The Northern Region had the fewest P&S cases of any region in 2001.
- Two-thirds (66.7%, among cases with data on gender of sex partners) of the 2001 P&S cases were MSM (N=9); no MSM cases were reported in 1999 or 2000.

### *Bay Area Region* (see page 9, Table 5)

- In 2001, 203 P&S syphilis cases were reported in the Bay Area Region, a 170.7% (N=75) increase from 2000 and a 269.1% (N=55) increase from 1999.
- San Francisco accounted for 69.0% (N=140) of the P&S cases for the region.
- P&S cases were primarily MSM (79.8%, among cases with data on gender of sex partners), white (59.6%), and HIV positive (57.2%, where case serostatus is available).
- Bathhouses (17.2%) and the Internet (14.8%) were major venues where P&S cases reported meeting partners in 2001.

### *Central Region* (see page 10, Table 6)

- In 2001, 26 P&S syphilis cases were reported in the Central Region, the same number of cases reported in 2000 and a 31.6% decrease (N=38) from 1999.
- The number of Latino P&S cases doubled in 2001 (N=18) from 2000 (N=9), but decreased 21.7% (N=23) from 1999.
- 7 MSM P&S cases were reported in 2001, more than twice reported in 2000 (N=3) and a 75.0% (N=4) increase from 1999. Cases, however, were mostly heterosexual in 2001 (69.6%, among cases with data on gender of sex partners).
- Kings county reported 3 P&S cases in 2001 and reported no cases in the previous 2 years.
- Over a third (38.5%) of P&S cases in the Central Region were diagnosed at Public Clinics, similar to 2000 (46.2%) and 1999 (50.0%).

### *Southern Region* (see page 11, Table 7)

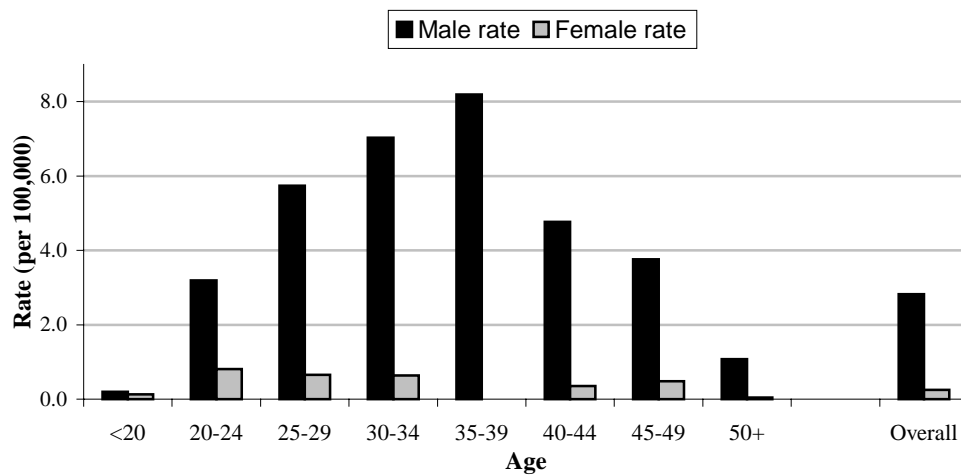
- In 2001, 298 P&S syphilis cases were reported in the Southern Region, a 35.5% (N=220) increase from 2000 and a 70.3% increase (N=175) from 1999.
- Los Angeles (N=184), Orange (N=40), and San Diego (N=27) accounted for 84.2% of P&S cases in the Southern Region for 2001. Overall, P&S cases in the Southern Region contributed 54.8% to California morbidity.
- Riverside county had 17 cases in 2001, a 183.3% (N=6) increase from 2000 and a 750% (N=2) increase from 1999.
- Two-thirds (66.8% among cases with data on gender of sex partners, N=199) of P&S cases were MSM, an increase from 59.8% (N=116) in 2000 and from 30.6% (N=41) in 1999.
- The male to female case ratio in 2001 was 11:1, an increase from 5:1 in 2000 and 3:1 in 1999.

## Overview

In California, 544 cases of primary and secondary (P&S) syphilis were reported in 2001 (Table 1). This represents an increase of 66.9% (N=326) from 2000 and an increase of 87.6% (N=290) from 1999. The California P&S syphilis rate was 1.56 (per 100,000) in 2001, 0.96 in 2000, and 0.87 in 1999 (Table 1). P&S cases were primarily over 30 years of age (74.1%), white (44.5%), and among men who have sex with men (75.6%, among cases with data on gender of sex partners). Of the 377 P&S MSM syphilis cases reported in 2001, nearly two-thirds (64.7%) were reported by San Francisco (N=113) and Los Angeles (N=131).

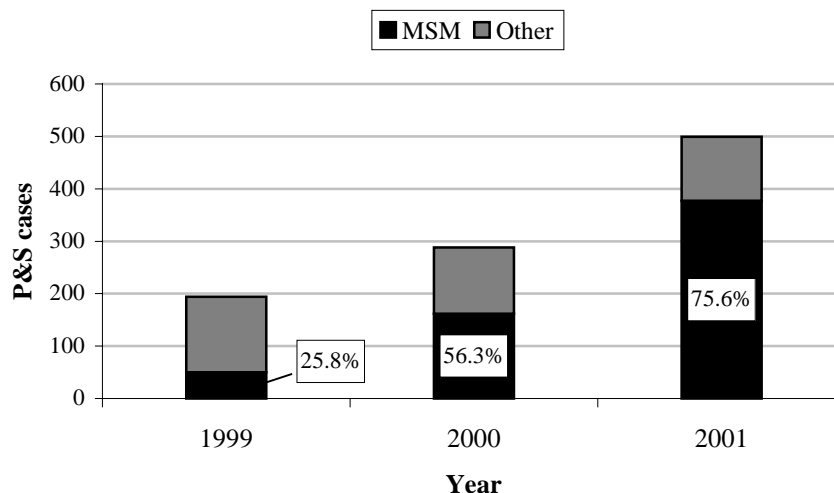
In 2001, the male to female P&S syphilis rate ratio was 9:1, nearly twice the 5:1 ratio in 2000 and nearly triple the 3:1 ratio in 1999. This increase in the proportion of male cases reported in California was a result of a syphilis epidemic among MSM that began in 2000. Overall in 2001, the P&S rate was 2.8 (per 100,000) for males and 0.3 for females. Figure 1 shows age-specific rates by gender for reported P&S cases in 2001. The highest rates occurred in those between the ages of 35 to 39 for men and 20 to 24 for women. Cases 40 years and older contributed 40% among females and 37% among males.

**Figure 1: Age specific rates by gender for P&S cases, California, 2001**



In 2001, 377 P&S cases were MSM, a 132.7% (N=162) increase from 2000 and a 654.0% (N=50) increase from 1999 (Table 2). Proportionally, greater than two-thirds (69.3%) of P&S cases were MSM (Table 2) in 2001, an increase from 49.7% in 2000 and 17.2% in 1999. Excluding cases where data on gender of sex partners was not available, the percentage of MSM increases to 75.6% in 2001 (Figure 2).

**Figure 2: P&S syphilis cases by MSM<sup>1</sup> status in California, 1999-2001**



<sup>1</sup> based on gender of sex partners, percentages exclude unknown

**Table 3: Reported venues for meeting sex partners, MSM primary and secondary syphilis cases, California, 2000-2001<sup>1</sup>**

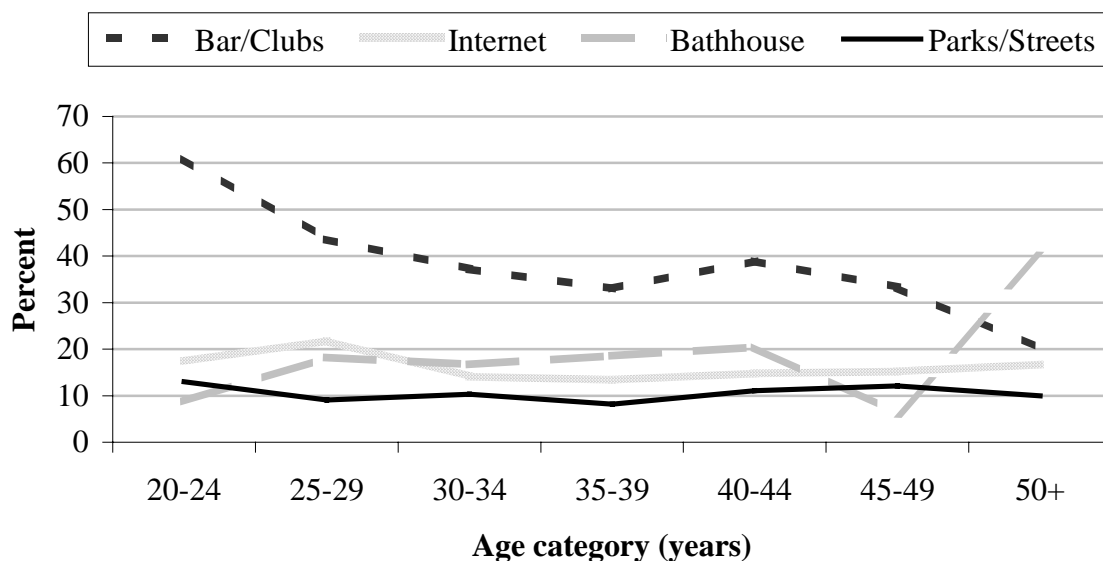
		Year			
		2000		2001	
		N=163	%	N=380	%
<b>Internet</b>	Yes	15	9.2	58	15.3
	No/Unknown	148	90.8	322	84.7
<b>Bathhouse</b>	Yes	34	20.9	70	18.4
	No/Unknown	129	79.1	310	81.6
<b>Parks/Streets</b>	Yes	19	11.7	39	10.3
	No/Unknown	144	88.3	341	89.7
<b>Bars/Clubs<sup>2</sup></b>	Yes	49	30.1	142	37.4
	No/Unknown	114	69.9	238	62.6

<sup>1</sup> Data for 1999 not reliable

<sup>2</sup> Includes sex clubs

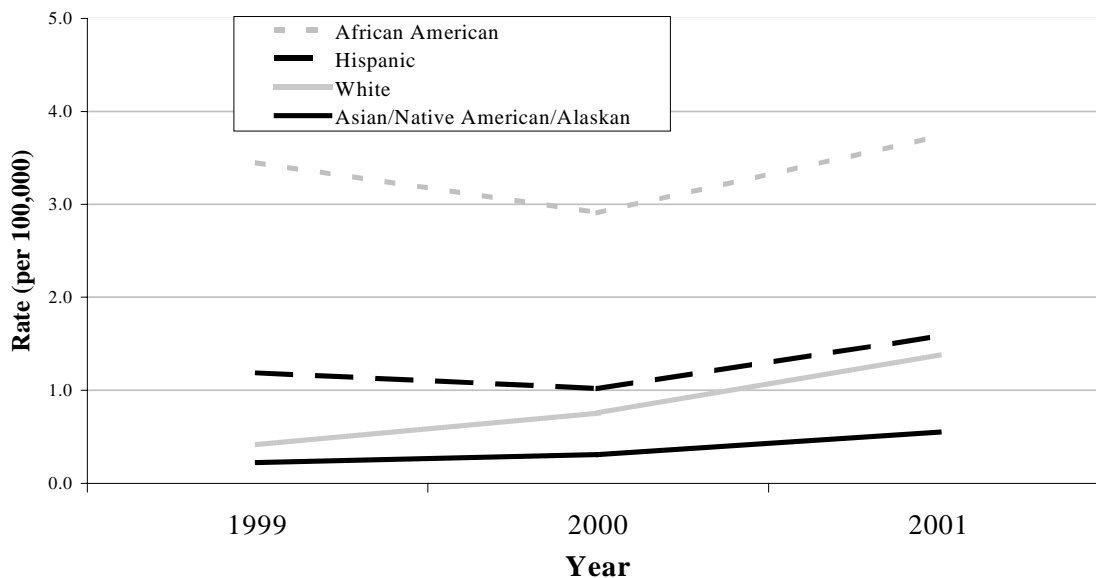
Among P&S syphilis cases in 2001, reported venues for meeting sex partners included bars or clubs (37.4%), bathhouses (18.4%), the Internet (15.3%) or parks or streets (10.3%) (Table 3). Among MSM P&S cases, there was a strong association with age and reported venues where partners were met. A greater proportion of younger P&S MSM cases named bars or clubs as a venue compared to older men (Figure 3). In contrast, a greater proportion of older P&S MSM cases named bathhouses as a venue.

**Figure 3: Venues for meeting sex partners by age category for P&S MSM Cases, California, 2001**



Reported primary and secondary (P&S) syphilis rates by race/ethnicity are shown in Figure 4. In 2001, African-Americans had the highest P&S syphilis rate at 3.7 (per 100,000) followed by Hispanics at 1.6, Whites at 1.4, and Asians/Native Americans/Alaskans at 0.6. All ethnic groups had an increase in P&S syphilis cases (Figure 4, Table 2) from 2000.

**Figure 4: Reported P&S syphilis rates (per 100,000 population) by race/ethnicity California, 1999-2001**



Detailed region specific data for syphilis cases are shown on Table 4 through Table 7. As in Table 1 for statewide data, these tables are stratified by year and stage (P&S and Early Latent) and include data on demographic characteristics, gender of sex partners, key venues for meeting partners, HIV serostatus, drug use, medical provider, and other variables.

**Table 4: Characteristics of Early Syphilis Cases, NORTHERN REGION<sup>4</sup>, California (1999-2001)**

		Year											
		1999				2000				2001			
		P&S		Early latent		P&S		Early latent		P&S		Early latent	
		N=22	%	N=35	%	N=5	%	N=25	%	N=17	%	N=15	%
<b>Jurisdiction of Residence:</b>													
	SACRAMENTO	2	9.1	3	8.6	1	20.0	2	8.0	4	23.5	5	33.3
	SAN JOAQUIN	19	86.4	25	71.4	1	20.0	12	48.0	4	23.5	5	33.3
	STANISLAUS	1	4.5	4	11.4	1	20.0	8	32.0	4	23.5	3	20.0
	Other	0	0	3	8.7	2	40.0	3	12.0	5	29.5	2	13.4
<b>Sex</b>													
	M	12	54.5	13	37.1	2	40.0	12	48.0	13	76.5	10	66.7
	F	10	45.5	22	62.9	3	60.0	13	52.0	4	23.5	5	33.3
<b>Age Group</b>													
	<20	3	13.6	3	8.6	.	.	7	28.0	.	.	1	6.7
	20-24	6	27.3	11	31.4	1	20.0	4	16.0	4	23.5	3	20.0
	25-29	1	4.5	5	14.3	.	.	5	20.0	1	5.9	1	6.7
	30-34	6	27.3	4	11.4	.	.	2	8.0	6	35.3	3	20.0
	35-39	3	13.6	8	22.9	.	.	2	8.0	2	11.8	3	20.0
	40-44	3	13.6	.	.	2	40.0	.	.	.	.	4	26.7
	45-49	.	.	2	5.7	1	20.0	3	12.0	1	5.9	.	.
	50+	.	.	2	5.7	1	20.0	2	8.0	3	17.6	.	.
<b>Race</b>													
	White	6	27.3	10	28.6	2	40.0	6	24.0	9	52.9	1	6.7
	Latino	11	50	16	45.7	1	20.0	16	64.0	2	11.8	8	53.3
	Black	4	18.2	8	22.9	2	40.0	1	4.0	5	29.4	5	33.3
	Other	.	.	.	.	.	.	1	4.0	.	.	.	.
	Unknown	1	4.5	1	2.9	.	.	1	4.0	1	5.9	1	6.7
<b>Gender of sex partners</b>													
	Male Hetero	10	45.5	12	34.3	2	40.0	9	36.0	4	23.5	6	40.0
	Male Homosexual	.	.	.	.	.	.	.	.	9	52.9	2	13.3
	Male Bisexual	.	.	.	.	.	.	1	4.0	.	.	.	.
	Female Hetero	8	36.4	22	62.9	3	60.0	12	48.0	3	17.6	4	26.7
	Female Homosexual	.	.	.	.	.	.	.	.	1	5.9	.	.
	Male Unknown	2	9.1	1	2.9	.	.	2	8.0	.	.	2	13.3
	Female Unknown	2	9.1	.	.	.	.	1	4.0	.	.	1	6.7
<b>HIV status</b>													
	Y	.	.	.	.	.	.	.	.	5	29.4	.	.
	N	.	.	.	.	3	60.0	14	56.0	7	41.2	7	46.7
	U	22	100	35	100	2	40.0	11	44.0	5	29.4	8	53.3
<b>Anonymous sex</b>		.	.	.	.	1	20.0	2	8.0	6	35.3	2	13.3
<b>Sex for money or drugs</b>		3	13.6	3	8.6	.	.	1	4.0	1	5.9	1	6.7
<b>Exchange money or drugs for sex</b>		3	13.6	1	2.9	1	20.0	3	12.0	2	11.8	3	20
<b>Drug use</b>													
	Crack	10	45.5	13	37.1	1	20.0	9	36.0	5	29.4	4	26.7
	Heroin	2	9.1	4	11.4	1	20.0	1	4.0	2	11.8	1	6.7
	Cocaine	2	9.1	2	5.7	.	.	2	8.0	1	5.9	3	20
	Methamphetamines	.	.	3	8.6	.	.	1	4.0	1	5.9	1	6.7
		3	13.6	1	2.9	.	.	2	8.0	3	17.6	3	20
<b>Provider</b>													
	EIP/HIV care facility	.	.	.	.	.	.	.	.	2	11.8	.	.
	STD clinic	.	.	1	2.9	.	.	.	.	.	.	.	.
	Family Planning	1	4.5	2	5.7	.	.	.	.	.	.	2	13.3
	Correctional facility	2	9.1	5	14.3	1	20.0	2	8.0	.	.	3	20
	Public clinic	12	54.5	13	37.1	2	40.0	2	8.0	4	23.5	7	46.7
	Medical provider	6	27.3	7	20	2	40.0	12	48.0	9	52.9	2	13.3
	Other provider	1	4.5	7	20	.	.	9	36.0	2	11.8	1	6.7
<b>Currently Incarcerated</b>		2	9.1	5	14.3	1	20.0	2	8.0	.	.	2	13.3
<b>Meets partners at bathhouse<sup>3</sup></b>		---	---	---	---	.	.	.	.	2	11.8	.	.
<b>Meets partners over Internet<sup>3</sup></b>		---	---	---	---	.	.	.	.	2	11.8	.	.
<b>Condom used at last sex<sup>3</sup></b>		---	---	---	---	.	.	.	.	3	17.6	1	6.7

<sup>1</sup> Clinics that receive >50% of funding from federal or state sources

<sup>2</sup> Includes private physicians, private clinics, Kaiser, hospitals, emergency rooms, and student health centers

<sup>3</sup> Data for 1999 not reliable

<sup>4</sup> Includes health jurisdictions of Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Mariposa, Mendocino, Modoc, Mono, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, Yuba



**Table 5: Characteristics of Early Syphilis Cases, BAY AREA REGION<sup>4</sup>, California (1999-2001)**

		Year											
		1999				2000				2001			
		P&S		Early latent		P&S		Early latent		P&S		Early latent	
		N=55	%	N=60	%	N=75	%	N=32	%	N=203	%	N=87	%
Jurisdiction of Residence:													
	SAN FRANCISCO	28	50.9	16	26.7	54	72.0	19	59.4	140	69.0	47	54.0
	ALAMEDA	8	14.5	20	33.3	11	14.7	4	12.5	23	11.3	12	13.8
	SANTA CLARA	4	7.3	11	18.3	2	2.7	4	12.5	10	4.9	11	12.6
	Other	15	27.5	13	21.7	8	10.6	5	15.7	30	14.8	17	19.3
Sex													
	M	48	87.3	41	68.3	65	86.7	25	78.1	196	96.6	74	85.1
	F	7	12.7	19	31.7	10	13.3	7	21.9	7	3.4	13	14.9
Age Group													
	<20	3	5.5	4	6.7	3	4.0	2	6.3	5	2.5	3	3.4
	20-24	6	10.9	7	11.7	4	5.3	1	3.1	7	3.4	3	3.4
	25-29	8	14.5	12	20.0	11	14.7	6	18.8	20	9.9	17	19.5
	30-34	6	10.9	10	16.7	19	25.3	4	12.5	36	17.7	13	14.9
	35-39	7	12.7	13	21.7	15	20.0	5	15.6	53	26.1	18	20.7
	40-44	14	25.5	7	11.7	8	10.7	4	12.5	40	19.7	16	18.4
	45-49	4	7.3	7	11.7	4	5.3	6	18.8	20	9.9	13	14.9
	50+	7	12.7	.	.	11	14.7	4	12.5	22	10.8	4	4.6
Race													
	White	20	36.4	17	28.3	40	53.3	13	40.6	121	59.6	37	42.5
	Latino	12	21.8	21	35.0	15	20.0	14	43.8	37	18.2	32	36.8
	Black	18	32.7	20	33.3	11	14.7	4	12.5	28	13.8	14	16.1
	Other	4	7.3	2	3.3	8	10.7	1	3.1	12	5.9	3	3.4
	Unknown	1	1.8	.	.	1	1.3	.	.	5	2.5	1	1.1
Gender of sex partners													
	Male Hetero	13	23.6	20	33.3	13	17.3	11	34.4	16	7.9	9	10.3
	Male Homosexual	5	9.1	3	5.0	42	56.0	12	37.5	159	78.3	54	62.1
	Male Bisexual	.	.	.	.	1	1.3	.	.	3	1.5	1	1.1
	Female Hetero	5	9.1	14	23.3	8	10.7	4	12.5	5	2.5	12	13.8
	Female Bisexual	.	.	.	.	1	1.3	1	3.1	.	.	.	.
	Transgender	.	.	.	.	.	.	.	.	1	0.5	.	.
	Male Unknown	30	54.5	18	30.0	9	12.0	2	6.3	18	8.9	10	11.5
	Female Unknown	2	3.6	5	8.3	1	1.3	2	6.3	1	0.5	1	1.1
HIV status													
	Y	3	5.5	.	.	18	24.0	7	21.9	99	48.8	34	39.1
	N	5	9.1	2	3.3	43	57.3	13	40.6	74	36.5	22	25.3
	U	47	85.5	58	96.7	14	18.7	12	37.5	30	14.8	31	35.6
Anonymous sex		1	1.8	.	.	27	36.0	4	12.5	95	46.8	34	39.1
Sex for money or drugs		.	.	4	6.7	4	5.3	.	.	4	2.0	1	1.1
Exchange money or drugs for sex		.	.	1	1.7	6	8.0	3	9.4	5	2.5	6	6.9
Drug use													
	Crack	4	7.3	17	28.3	16	21.3	11	34.4	55	27.1	30	34.5
	Heroin	2	3.6	8	13.3	4	5.3	1	3.1	4	2.0	3	3.4
	Cocaine	.	.	1	1.7	1	1.3	1	3.1	.	.	.	.
	Methamphetamines	.	.	5	8.3	2	2.7	1	3.1	1	0.5	4	4.6
		.	.	1	1.7	7	9.3	1	3.1	24	11.8	14	16.1
Provider													
	EIP/HIV care facility	5	9.1	2	3.3	3	4.0	1	3.1	12	5.9	8	9.2
	STD clinic	11	20.0	1	1.7	17	22.7	6	18.8	59	29.1	12	13.8
	Family Planning	.	.	.	.	1	1.3	.	.	.	.	1	1.1
	Correctional facility	4	7.3	22	36.7	2	2.7	6	18.8	2	1.0	6	6.9
	Public clinic	3	5.5	8	13.3	13	17.3	6	18.8	23	11.3	15	17.2
	Medical provider	31	56.4	21	35.0	34	45.3	9	28.1	100	49.3	41	47.1
	Other provider	1	1.8	6	10.0	5	6.7	4	12.5	7	3.4	4	4.6
Currently Incarcerated		3	11.1	19	43.2	.	.	4	30.8	1	1.6	2	5.0
Meets partners at bathhouse <sup>3</sup>		---	---	---	---	12	16.0	2	6.3	35	17.2	21	24.1
Meets partners over Internet <sup>3</sup>		---	---	---	---	12	16.0	2	6.3	30	14.8	10	11.5
Condom used at last sex <sup>3</sup>		---	---	---	---	5	6.7	1	3.1	6	3.0	5	5.7

<sup>1</sup> Clinics that receive >50% of funding from federal or state sources

<sup>2</sup> Includes private physicians, private clinics, Kaiser, hospitals, emergency rooms, and student health centers

<sup>3</sup> Data for 1999 not reliable

<sup>4</sup> Includes health jurisdictions of Alameda, Berkeley, Contra Costa, Marin, Napa, San Mateo, San Francisco, Santa Clara, Solano, Sonoma

**Table 6: Characteristics of Early Syphilis Cases, CENTRAL REGION<sup>4</sup>, California (1999-2001)**

		Year											
		1999				2000				2001			
		P&S		Early latent		P&S		Early latent		P&S		Early latent	
		N=38	%	N=60	%	N=26	%	N=50	%	N=26	%	N=37	%
Jurisdiction of Residence:													
	KERN	13	34.2	4	6.7	7	26.9	9	18.0	9	34.6	11	29.7
	MERCED	1	2.6	3	5.0	10	38.5	12	24.0	5	19.2	2	5.4
	FRESNO	14	36.8	38	63.3	4	15.4	18	36.0	4	15.4	15	40.5
	KINGS	.	.	.	.	.	.	4	8.0	3	11.5	1	2.7
	Other	10	26.2	15	25	5	19.1	7	14.0	5	19.7	8	21.6
Sex													
	M	26	68.4	24	40.0	23	88.5	21	42.0	17	65.4	22	59.5
	F	12	31.6	36	60.0	3	11.5	29	58.0	9	34.6	15	40.5
Age Group													
	<20	4	10.5	6	10.0	1	3.8	5	10.0	2	7.7	2	5.4
	20-24	5	13.2	12	20.0	2	7.7	8	16.0	5	19.2	3	8.1
	25-29	7	18.4	11	18.3	2	7.7	11	22.0	5	19.2	6	16.2
	30-34	7	18.4	7	11.7	2	7.7	10	20.0	6	23.1	8	21.6
	35-39	7	18.4	9	15.0	6	23.1	5	10.0	4	15.4	9	24.3
	40-44	3	7.9	7	11.7	5	19.2	9	18.0	1	3.8	3	8.1
	45-49	3	7.9	6	10.0	3	11.5	2	4.0	.	.	3	8.1
	50+	2	5.3	2	3.3	5	19.2	.	.	3	11.5	3	8.1
Race													
	White	6	15.8	8	13.3	7	26.9	2	4.0	3	11.5	4	10.8
	Latino	23	60.5	36	60.0	9	34.6	38	76.0	18	69.2	26	70.3
	Black	9	23.7	15	25.0	10	38.5	7	14.0	4	15.4	4	10.8
	Other	.	.	1	1.7	.	.	1	2.0	1	3.8	1	2.7
	Unknown	.	.	.	.	.	.	2	4.0	.	.	2	5.4
Gender of sex partners													
	Male Hetero	9	23.7	17	28.3	18	69.2	18	36.0	7	26.9	17	45.9
	Male Homosexual	3	7.9	.	.	3	11.5	1	2.0	6	23.1	3	8.1
	Male Bisexual	1	2.6	.	.	.	.	.	.	1	3.8	2	5.4
	Female Hetero	6	15.8	29	48.3	2	7.7	25	50.0	9	34.6	13	35.1
	Female Bisexual	.	.	2	3.3	1	3.8	.	.	.	.	.	.
	Male Unknown	13	34.2	7	11.7	2	7.7	2	4.0	3	11.5	.	.
	Female Unknown	6	15.8	5	8.3	.	.	4	8.0	.	.	2	5.4
HIV status													
	Y	.	.	.	.	.	.	.	.	3	11.5	3	8.1
	N	.	.	.	.	16	61.5	17	34.0	12	46.2	26	70.3
	U	38	100.0	60	100.0	10	38.5	33	66.0	11	42.3	8	21.6
Anonymous sex		.	.	.	.	6	23.1	13	26.0	10	38.5	11	29.7
Sex for money or drugs		2	5.3	16	26.7	5	19.2	13	26.0	3	11.5	4	10.8
Exchange money or drugs for sex		6	15.8	12	20.0	11	42.3	10	20.0	4	15.4	5	13.5
Drug use		6	15.8	25	41.7	9	34.6	26	52.0	8	30.8	12	32.4
	Crack	4	10.5	6	10.0	6	23.1	12	24.0	2	7.7	4	10.8
	Heroin	.	.	4	6.7	1	3.8	5	10.0	.	.	1	2.7
	Cocaine	2	5.3	10	16.7	5	19.2	14	28.0	1	3.8	5	13.5
	Methamphetamines	.	.	5	8.3	2	7.7	5	10.0	5	19.2	2	5.4
Provider													
	EIP/HIV care facility	1	2.6	.	.	.	.	.	.	.	.	2	5.4
	STD clinic	.	.	.	.	.	.	.	.	1	3.8	1	2.7
	Family Planning	1	2.6	1	1.7	2	7.7	1	2.0	3	11.5	2	5.4
	Correctional facility	3	7.9	17	28.3	4	15.4	13	26.0	2	7.7	3	8.1
	Public clinic	19	50.0	23	38.3	12	46.2	15	30.0	10	38.5	22	59.5
	Medical provider	10	26.3	5	8.3	7	26.9	5	10.0	8	30.8	6	16.2
	Other provider	4	10.5	14	23.3	1	3.8	16	32.0	2	7.7	1	2.7
Currently Incarcerated		2	5.3	15	25.0	5	19.2	11	22.0	2	7.7	2	5.4
Meets partners at bathhouse <sup>3</sup>		---	---	---	---	.	.	.	.	.	.	2	5.4
Meets partners over Internet <sup>3</sup>		---	---	---	---	.	.	.	.	1	3.8	.	.
Condom used at last sex <sup>3</sup>		---	---	---	---	1	3.8	5	10.0	4	15.4	4	10.8

<sup>1</sup> Clinics that receive >50% of funding from federal or state sources

<sup>2</sup> Includes private physicians, private clinics, Kaiser, hospitals, emergency rooms, and student health centers

<sup>3</sup> Data for 1999 not reliable

<sup>4</sup> Includes health jurisdictions of Fresno, Inyo, Kern, Kings, Madera, Merced, Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz, Tulare, Ventura

**Table 7: Characteristics of Early Syphilis Cases, SOUTHERN REGION, California (1999-2001)**

	Year											
	1999				2000				2001			
	P&S		Early latent		P&S		Early latent		P&S		Early latent	
	N=175	%	N=124	%	N=220	%	N=249	%	N=298	%	N=266	%
<b>Jurisdiction of Residence:</b>												
LOS ANGELES	90	51.4	23	18.5	132	60.0	189	75.9	184	61.7	200	75.2
ORANGE	33	18.9	35	28.2	26	11.8	19	7.6	40	13.4	26	9.8
SAN DIEGO	25	14.3	23	18.5	27	12.3	10	4.0	27	9.1	16	6.0
LONG BEACH	11	6.3	21	16.9	19	8.6	14	5.6	21	7.0	10	3.8
RIVERSIDE	2	1.1	11	8.9	6	2.7	12	4.8	17	5.7	9	3.4
SAN BERNARDINO	12	6.9	10	8.1	10	4.5	5	2.0	5	1.7	2	0.8
PASADENA	2	1.1	1	0.8	.	.	.	.	4	1.3	3	1.1
<b>Sex</b>												
M	128	73.1	74	59.7	186	84.5	160	64.3	274	91.9	202	75.9
F	47	26.9	50	40.3	34	15.5	89	35.7	24	8.1	64	24.1
<b>Age Group</b>												
<20	7	4.0	8	6.5	4	1.8	16	6.4	11	3.7	12	4.5
20-24	21	12.0	19	15.3	24	10.9	37	14.9	32	10.7	27	10.2
25-29	30	17.1	26	21.0	27	12.3	45	18.1	49	16.4	38	14.3
30-34	38	21.7	32	25.8	49	22.3	47	18.9	59	19.8	63	23.7
35-39	27	15.4	15	12.1	51	23.2	43	17.3	63	21.1	64	24.1
40-44	18	10.3	10	8.1	27	12.3	28	11.2	34	11.4	32	12.0
45-49	21	12.0	10	8.1	20	9.1	18	7.2	32	10.7	15	5.6
50+	13	7.4	4	3.2	18	8.2	15	6.0	18	6.0	15	5.6
<b>Race</b>												
White	40	22.9	25	20.2	83	37.7	32	12.9	109	36.6	55	20.7
Latino	77	44.0	62	50.0	84	38.2	164	65.9	118	39.6	157	59.0
Black	49	28.0	29	23.4	45	20.5	42	16.9	51	17.1	36	13.5
Other	5	2.9	2	1.6	5	2.3	8	3.2	11	3.7	10	3.8
Unknown	4	2.3	6	4.8	3	1.4	3	1.2	9	3.0	8	3.0
<b>Gender of sex partners</b>												
Male Hetero	57	32.6	44	35.5	47	21.4	68	27.3	50	16.8	60	22.6
Male Homosexual	33	18.9	14	11.3	102	46.4	54	21.7	182	61.1	100	37.6
Male Bisexual	8	4.6	3	2.4	14	6.4	10	4.0	17	5.7	7	2.6
Female Hetero	33	18.9	38	30.6	24	10.9	72	28.9	22	7.4	55	20.7
Female Homosexual	.	.	1	0.8	.	.	1	0.4	.	.	1	0.4
Female Bisexual	2	1.1	7	5.6	2	0.9	1	0.4	1	0.3	1	0.4
Transgender	1	0.6	.	.	5	2.3	4	1.6	3	1.0	3	1.1
Male Unknown	29	16.6	13	10.5	18	8.2	24	9.6	22	7.4	32	12.0
Female Unknown	12	6.9	4	3.2	8	3.6	15	6.0	1	0.3	7	2.6
<b>HIV status</b>												
Y	14	8.0	.	.	64	29.1	41	16.5	119	39.9	80	30.1
N	14	8.0	.	.	94	42.7	108	43.4	109	36.6	111	41.7
U	147	84.0	124	100.0	62	28.2	100	40.2	70	23.5	75	28.2
<b>Anonymous sex</b>	21	12.0	.	.	80	36.4	53	21.3	161	54.0	82	30.8
<b>Sex for money or drugs</b>	11	6.3	16	12.9	11	5.0	27	10.8	19	6.4	13	4.9
<b>Exchange money or drugs for sex</b>	21	12.0	13	10.5	26	11.8	26	10.4	21	7.0	13	4.9
<b>Drug use</b>												
Crack	36	20.6	35	28.2	50	22.7	58	23.3	89	29.9	55	20.7
Heroin	13	7.4	13	10.5	9	4.1	14	5.6	9	3.0	4	1.5
Cocaine	7	4.0	5	4.0	3	1.4	6	2.4	2	0.7	5	1.9
Methamphetamines	12	6.9	7	5.6	12	5.5	22	8.8	15	5.0	16	6.0
	3	1.7	6	4.8	23	10.5	18	7.2	27	9.1	18	6.8
<b>Provider</b>												
EIP/HIV care facility	9	5.1	2	1.6	21	9.5	28	11.2	43	14.4	52	19.5
STD clinic	.	.	1	0.8	1	0.5	3	1.2	10	3.4	8	3.0
Family Planning	1	0.6	1	0.8	.	.	1	0.4	.	.	4	1.5
Correctional facility	22	12.6	41	33.1	10	4.5	26	10.4	8	2.7	14	5.3
Public clinic	66	37.7	46	37.1	86	39.1	82	32.9	88	29.5	85	32.0
Medical provider	65	37.1	24	19.4	91	41.4	97	39.0	138	46.3	93	35.0
Other provider	10	5.7	9	7.3	11	5.0	11	4.4	11	3.7	10	3.8
Unknown	2	1.1	.	.	.	.	1	0.4	.	.	.	.
<b>Currently Incarcerated</b>	3	3.5	17	16.8	5	5.7	8	13.3	4	3.5	7	10.6
<b>Meets partners at bathhouse<sup>3</sup></b>	---	---	---	---	23	10.5	11	4.4	34	11.4	16	6.0
<b>Meets partners over Internet<sup>3</sup></b>	---	---	---	---	7	3.2	.	.	27	9.1	13	4.9
<b>Condom used at last sex<sup>3</sup></b>	---	---	---	---	34	15.5	37	14.9	66	22.1	65	24.4

<sup>1</sup> Clinics that receive >50% of funding from federal or state sources

<sup>2</sup> Includes private physicians, private clinics, Kaiser, hospitals, emergency rooms, and student health centers

<sup>3</sup> Data for 1999 not reliable